

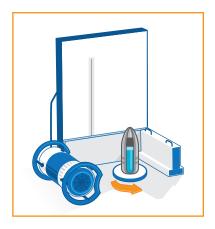
FACT SHEET

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U.S. ARMY CHEMICAL MATERIALS AGENCY

Digital Radiography and Computed Tomography System

The Digital Radiography and Computed Tomography System (DRCT) uses digital X-ray photography to identify munition contents and explosive potential.



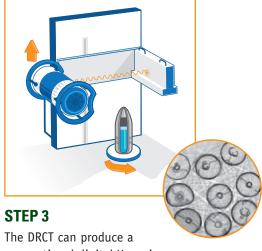
STEP 1

Similar to getting an X-ray in the hospital, DRCT uses an X-ray generator and detector to vertically scan a suspect chemical munition, on a platform.



The scan produces a digital view of the munition's interior to show if the munition contains a liquid fill

and explosive components.



For more information, contact the CMA Public Affairs Office at (410) 436-3629 (800) 488-0648

The DRCT can produce a conventional digital X-ray image, a tomographic (two-dimensional X-ray) image and a full 3-D image, similar to a CAT scan.

DRCT

DRCT technology is a transportable non-intrusive assessment system that analyzes and provides onsite information about the contents of unidentified munitions without opening them. This greatly reduces risk to the public, workers and emergency response personnel by rapidly obtaining detailed information and distributing it to the appropriate authorities and responders.

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